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Title: *“Scattering parabolic solutions for the N-centre problem in the three dimensional space”*

Abstract. For the N-centre problem in the three dimensional space, we prove the existence of entire parabolic trajectories having prescribed asymptotic directions. The proof relies on a variational argument of min-max type; Morse index estimates and regularization techniques are used in order to rule out the possible occurrence of collisions.

Joint work with W. Dambrosio and S. Terracini (Torino).